

Resource Estimation Seminar

5th and 6th July 2010

Long Quan Hotel

Beijing

This educational seminar hosted by China's Ministry of Lands and Resources (MLR) with participation by Micromine and resource estimation expert, geostatistician and international author Mohan Srivastava, will examine the Chinese resource estimation method and International best practice for resources and reserves estimation.



Who should attend?

The seminar is suitable for engineers as well as geologists and managers from exploration and mining companies seeking to understand a methodology to improve project viability and economics as well as Companies with projects in countries outside China.

The subject matter will also be useful to Companies wanting to understand the difference between Chinese and International resource estimation methods, as well as resource and reserve evaluation organisations seeking an understanding of International best practices for resources and reserves estimation.

What will you learn?

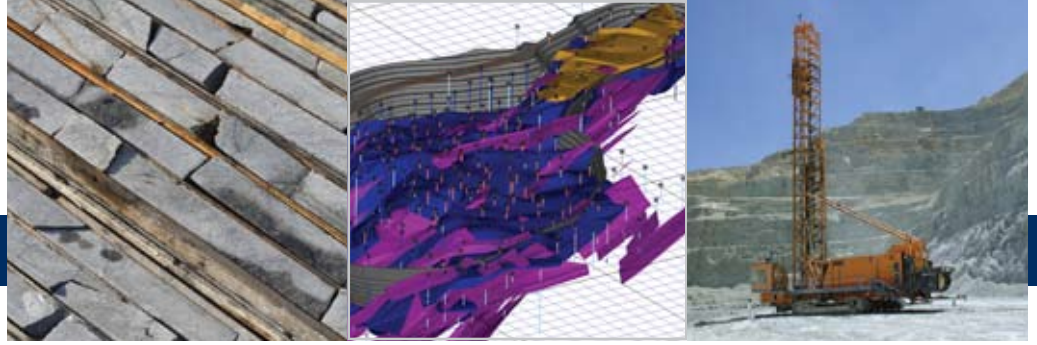
Over two days you will hear from subject matter experts who will present information and case studies on resource estimation methods, best practices, modelling and rules and regulations for the announcement of resources in China and international best practice in resource estimation.

Topics will include:

- Introduction and presentation from the Ministry of Lands and Resources
- Presentation on the Chinese polygonal estimation method theory
- A real Chinese case study gold deposit example of polygonal modelling – a step by step explanation and result
- World's best practice resource estimation theory and practice
- International reporting standards, compliance, resource to reserve conversion and the competent person
- Modelling of the gold deposit according to international standards, step by step approach
- The result of the gold case study, the advantage of the approach taken and the application of the resource estimation result for further project evaluation
- Comparison of the final result of the Chinese geometric method and the International method, differences and relative advantages
- Facilitated group discussion and Q and A

How to register

To register your interest in attending please contact Cathy Fan at lfan@micromine.com or call Micromine on +86 10 59070556



China's Ministry of Lands and Resources

The mission of the Ministry of Land and Resources as prescribed by the State Council of the People's Republic of China is to be responsible for the planning, administration, protection and rational utilization of such natural resources as land, mineral and marine resources in the People's Republic of China. Visit www.mlr.gov.cn for more information.

Mohan Srivastava, M.Sc., P.Geo. **Geostatistical Consultant, FSS Canada**

Mohan Srivastava is a geostatistical consultant with more than 30 years experience in resource evaluation. He has a Bachelor's degree in Earth Sciences from Massachusetts Institute of Technology (MIT), and a Master's degree in Geostatistics from Stanford University. Mr Srivastava is one of the founding partners of the FSS International Group of Companies providers of consulting services in natural resource evaluation and risk assessment. Mohan manages the Canadian operations for FSS based in Toronto where his work includes: resource / reserve estimation for mineral projects, NI 43-101 technical reports, expert witness advice and testimony, short courses and development of specialised software for resource evaluation and risk assessment. He has authored more than 50 technical articles on geostatistics and is the co-author of one of the most widely used introductory textbooks on applied geostatistics.



Micromine

Micromine develops award-winning software solutions for the exploration and mining industry. With over 12,000 clients in more than 90 countries Micromine serves its clients through a global network of offices located in the world's key mining regions. Micromine Consulting Services (MCS) is the consulting arm of Micromine. MCS provides geological and mining consulting services to mineral resource companies in Russia, China, Mongolia, Indonesia, Europe, Central Asia and neighbouring countries. MCS multi-lingual consultants are experienced geologists, mining engineers, metallurgists, surveyors, database managers, and GIS specialists capable of competent person reports to meet all international standards. Micromine's exploration and mine design software MICROMINE is accredited by the Ministry of Lands and Resources for the announcement of resources and reserves in China.

矿产资源量估算研讨会

2010年7月5号至6号

北京龙泉宾馆

该学术性研讨会由中国国土资源部主办，并由Micromine公司和资源估算专家、《应用地质统计学概论》一书的合著人莫汉.斯塔瓦先生协办。研讨会期间将对中国资源量估算方法和国际通行资源量估算方法进行考证。



谁应参加？

该研讨会适合于来自国内地质勘探和矿业开发公司和国内从事海外资源项目开发的公司，为提高其项目可行性和增加效益而寻求答案的工程师，地质师和经理人。

会议研讨内容还适宜于那些设法了解中国与国际社会在资源估算方法方面存在哪些差异的公司，和从事资源与储量评价工作并试图了解国际资源量估算通用方法的评审机构。

您将获得哪些知识？

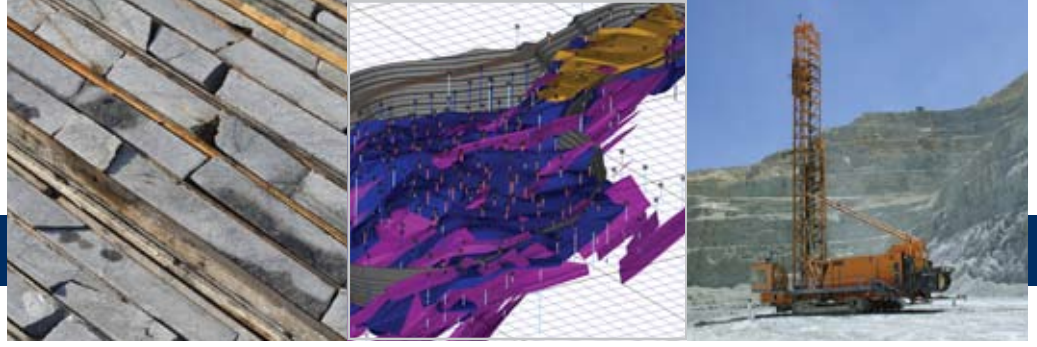
在两整天的研讨交流期间，您将领略主讲专家为您展示的关于资源估算方法、最佳实践方法、建模和中国提交地质勘探报告的规定和国际社会提交资源报告的通行方法与实际案例研究。

主题包括：

- 国土资源部领导讲话；
- 中国传统几何方法估算理论；
- 基于国内某一金矿的真实数据，采用块段法进行建模案例研究-逐步解释并得出估算结果；
- 介绍国际资源估算通行方法与实践；
- 介绍国际报告标准、标准响应声明、由资源量到储量的升级转换以及对资质人员的要求等；
- 根据国际标准，使用国内某金矿真实数据进行逐步建模演示；
- 展示金矿案例分析结果、所用分析方法的优点以及对该项目进行进一步评价；
- 对采用中国几何方法和国际方法的估算结果进行比较和找出各自方法的优点所在；
- 分组讨论、提问和回答。

如何报名

有意参加本次研讨会的人士，请与范丽军女士联系。电邮：lfan@micromine.com；电话：+86 10 59070556



中国国土资源部

按照中华人民共和国国务院的规定，国土资源部的职责是负责规划、管理、保护和合理使用中华人民共和国境内，诸如土地、天然矿产资源和海洋资源等的国务院下属管理机构。请浏览www.mlr.gov.cn获取更多信息。

工程硕士，地质学教授

FSS国际集团加拿大公司地质统计学顾问

莫汉.斯塔瓦先生是一位地质统计学顾问，拥有30余年的资源估算从业经历。莫汉.斯塔瓦先生早年毕业于美国麻省理工学院并获得地球科学学士学位，后来在斯坦福大学获得地质统计学硕士学位。莫汉.斯塔瓦先生是FSS国际集团公司的创始合作人之一，并负责位于多伦多的FSS国际集团的加拿大公司。他目前的工作包括矿产资源项目资源/储量估算，编写符合NI 43-101标准的技术报告，专家见证建议与证据，编写与开发资源估算和风险评价方面的短期教学教程与特殊软件。他发表的地质统计学方面技术文章达50余篇并为《应用地质统计学概论》一书的合著者。



Micromine

Micromine公司致力于地质勘探和资源开采行业高品质软件产品的开发。Micromine公司通过其设在世界主要矿产区的服务机构网络，为其遍布全球90多个国家的12,000客户提供支持服务。Micromine咨询服务是Micromine公司经营的两大主营业务之一。Micromine咨询服务为俄罗斯、中国、蒙古、印尼、欧洲、中亚及其周边国家境内的矿产资源公司提供地质和采矿咨询服务。Micromine咨询服务团队由掌握多种语言和拥有丰富经验并具有编写满足所有国际标准资质人报告的地质师，采矿工程师，冶金师，测量师，数据库和地理信息系统专家组成。Micromine的勘探和采矿设计软件MICROMINE的地质勘探和采矿设计软件已经通过中华人民共和国国土资源部在中国境内开展资源与储量备案认证。